



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 22]

नई दिल्ली, शनिवार, जून 1, 1968 (ज्येष्ठ 11, 1890)

No. 22]

NEW DELHI, SATURDAY, JUNE 1, 1968 (JYAISTHA 11, 1890)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 1st June 1968

## Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

13th May 1968

115859. Eaton Yale & Towne Inc. Emission control valve.  
115860. S. S. Ponkshe. Improvements in or relating to tiles used as flooring material.  
115861. U. S. Industries, Inc. Vertical injection molding machines.  
115862. Mount Hope Machinery Limited. Roll with vibration damping means.  
115863. American Cyanamid Company. Novel 7-trifluoromethoxybenzo-1, 4-diazepines.  
115864. American Cyanamid Company. Odor free non-caking conditioned urea composition and process of preparation.  
115865. E. I. Du Pont De Nemours and Company. Metal-ceramic composite structures.  
115866. Optical Devices Company. Optical device with moving lens and picture frame areas and method of making same.  
115867. K. N. G. Nayar. Domestic electric lantern.  
115868. Larsen & Toubro Limited. Improvement in a fuse-switch.  
115869. Larsen & Toubro Limited. Improvement in fuse-switch unit.  
115870. The Dunlop Company Limited. Adhesive compositions. (16th May 1967).

115871. The Dunlop Company Limited. Latex foam rubber process. (17th May 1967).  
115872. Boehringer Ingelheim GmbH. Chemical compounds.  
115873. Joseph Lucas (Industries) Limited. Contact breaker assemblies. (12th June 1967).  
115874. Glaxo Laboratories Limited. Pharmaceutical compositions. (Divisional date 6th April 1963).  
115875. Glaverbel. Improvements in or relating to apparatus for use in the manufacture of flat glass. [Addition to No. 89519].  
115876. Klockner-Humboldt-Deutz Aktiengesellschaft. Improved separation of dust from waste gases. (6th March 1968).  
115877. Klockner-Humboldt-Deutz Aktiengesellschaft. Countercurrent heat exchanger with vortex formation. (8th March 1968).  
115878. Institut Dr. Ing. Reinhard Straumann A. G. Improvements in or relating to alloys.  
115879. Mefina S. A. Sewing machine.  
115880. Mefina S. A. Adjusting system for universal motors. [Addition to No. 109098].  
115881. J. S. Pastou. Cigarette with ashes-retaining means and process for making same.  
115882. Minister of Technology in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Improvements in or relating to helicopter rotors. (12th May 1967).  
115883. N. V. Philips Gloeilampenfabrieken. Gas discharge tube comprising two crossing electrode systems.  
115884. N. V. Philips' Gloeilampenfabrieken. Cathode-ray tube having a substantially rectangular picture window part, the upstanding side-wall portion of which is provided with at least one clamping band,

115885. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing semi-conductor devices.
115886. N. V. Philips' Gloeilampenfabrieken. Method of applying a layer of silicon nitride.
115887. The British Petroleum Company Limited. Improvements in or relating to the recovery of cultivated micro-organisms. (27th June 1967).
115888. Etablissements Merlin & Gerlin, Societe Anonyme. Electro-optical measurements device for an aerial highvoltage conductor.
115889. Rotary Hoes Limited. Drive transmission gear box. (12th May 1967).
115890. R. K. Limaye. A machine known as sugarcane harvester.
115891. D. G. Das. Automatic flusher.  
14th May 1968
115892. Unilever Limited. Flavouring compositions.
115893. The British Drug Houses Limited. Organic compounds. (6th June 1967).
115894. Siemens Aktiengesellschaft. Improvements in or relating to keyboards for the production of a succession of control signals. (6th March 1968).
115895. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. New water-soluble disazo dyestuffs and process for their manufacture.
115896. Compagnie De Saint-Gobain. A stable form of covering for plane and curved surfaces which will insulate against sound and heat.
115897. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Process for the manufacture of biologically active substituted striazines.
115898. Vsesojuzny Nauchno-Issledovatelsky Vitaminny Institut. Method of producing 3, 4-xylyl-6-phenylazon-d-ribitylamine.
115899. Vsesojuzny Ordena Trudovogo Krasnogo Znameni Nauchnoissledovatelsky Institut Zheleznodorozhnogo Transporta. Automatic coupler.
115900. 1. M. V. Sobolevsky, 2. D. V. Nazarova, 3. Z. P. Slugina, 4. G. V. Voropaeva, 5. V. N. Bauman, 6. N. G. Anisina, 7. R. V. Pavlov, 8. K. D. Kan and 9. L. G. Gorda. Method of producing synthetic oil.
115901. J. R. Geigy A. G. Halogenated alkanediols and processes for their preparation.
115902. Minnesota Mining and Manufacturing Company. Fasteners, sealants therefor and process.
115903. Imperial Chemical Industries of Australia and New Zealand Limited. Explosive compositions. (16th May 1967).
115904. The Dunlop Company Limited. Road marker signs.
115905. Multi-Minerals Limited. Improvements in acid regeneration.
115906. Multi-Minerals Limited. Improvements in ion exchange process.
115907. Telefonaktiebolaget L. M. Ericsson. Block signal post for a single tracked railway line with two possible traffic directions.
115908. American Home Products Corporation. Pharmaceutical compositions. (Divisional date 28th March 1962).
115909. Westinghouse Saxby Farmer Private Limited. A control system for route working.
115910. Merck & Co., Inc. Method for preparing indolylacetic acid derivatives.
115911. Sandoz Ltd. Improvements in or relating to organic compounds. (16th May 1967).
115912. Beecham Group Limited. Penicillins. (1st June 1967).
115913. Beecham Group Limited. Purified antibiotics. (1st June 1967).
115914. Beecham Group Limited. Polycyclic antibiotics. 1st June 1967).
115915. Beecham Group Limited. Penicillin derivative. (1st June 1967).
115916. Sumitomo Metal Industries Ltd. Iron making process and its arrangement thereof.
115917. Roussel-Uclaf. Novel processes for preparing hexahydroindanes. (19th September 1967).
115918. Massey Ferguson Inc. Overrunning jaw clutch. (Divisional date 23rd November 1966).  
15th May 1968
115919. Srimati Bishnupriya Panda. Multipurpose single treadle system for operating high speed rotary appliances.
115920. Srimati Bishnupriya Panda. An improved double treadle system for various high speed appliances.
115921. A. W. Limaye. Electrostatic spray coating machine and methods.
115922. Endo Laboratories Inc. Pyrrol-3-ketones and composition containing these.
115923. Sumitomo Chemical Company, Ltd. Novel phosphorothiolates.
115924. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. New water-soluble monoazo dyestuffs and process for their manufacture.
115925. Veb Chemiefaserwerk Schwarza "Wilhelm Pieck". Device for spinning of multicomponent threads and fibres. [Addition to No. 107368].
115926. May & Baker Limited. New compositions of matter. (16th May, 1967).
115927. The Gillette Company. Improvements in or relating to the processing of razor blades.
115928. The Dunlop Company Limited. Improvements in pneumatic tyres. (19th May 1967).
115929. Aktiebolaget Kamyr. Continuous cellulose digester with two separate pulp outlets.
115930. Aktiebolaget Kamyr. Continuous cellulose digester for simultaneous digestion of two different kinds of pulp.
115931. Mefina S. A. Thread take-up lever for a sewing machine.
115932. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone reactive dyestuffs.
115933. A. J. A. Asplund. Method and apparatus for refining fibrous material for the production of pulp. (13th February 1968).
115934. Imperial Chemical Industries Limited. Non-protein nitrogenous compositions. (19th May 1967).
115935. E. Levin. Process and apparatus for rendering biological tissues by heat transfer.
115936. Sandoz Ltd. Disperse dyes of the monoazo dyes.
115937. Chemotronics. Incorporated. Process for treating articles of manufacture to eliminate superfluous projections.
115938. Laporte Chemicals Limited. Refractory compounds. (19th May 1967).
115939. Union Tank Car Company. Improved means for holding an annular filter cartridge in a filter tank.
115940. Nestle's Products Limited. Drying process.
115941. Chambon Limited. Improvements in or relating to dampening systems notably for rotary offset presses.  
16th May 1968
115942. P. K. Saxena. Tape recorder "head" "kakki".
115943. Sri A. K. Choudhury. Choudhury's safty railway engine (csre).
115944. H. B. Khimji. An improved ball valve.

115945. Parke, Davis & Company. Novel amino quinazoline compounds. (Divisional date 26th June 1966).
115946. Parke, Davis & Company. Novel amino quinazoline compounds. (Divisional date 26th June 1966).
115947. Singer Sewing Machine Company. Improvements in display devices.
115948. Vsesojuzny Nauchno-Issledovatel'skiy I Proektiro-Konstruktorskiy Institut Elektroapparatur. Automatic breaker.
115949. Ciba Limited. Phenoxyaliphatic acids, process for their manufacture and pharmaceutical preparations containing them.
115950. Ciba Limited. Tetracyclic amines, process for their manufacture and pharmaceutical preparations containing them.
115951. Giddings & Lewis-Fraser Limited. Winding machines. (1st July 1967).
115952. A. K. Neogy. Shot and supporting guns.

17th May 1968

115953. Newell Associates, Inc. Color television signal recording and reproducing system and method.
115954. F. H. Lloyd and Company Limited. Improvements in or relating to railway vehicle underframe components. (16th June 1967).
115955. Chinoin Gyógyszer és Vegyeszeti Termékek Gyára Rt. New Amidoximes and process for the preparation thereof.
115956. J. R. Geigy A. G. Process for the production of new thicpin derivatives.
115957. Parke, Davis & Company. New  $\alpha$ -[p-(dimethylaminoalkoxy) phenyl] - $\alpha$ -nitro-4-methoxystilbene compounds and methods for their production.
115958. Midland Silicones Limited. Vulcanisable organosilicon compositions. (2nd June 1967).
115959. Bp Chemicals (U.K.) Limited. Production of carboxylic acid derivatives. (6th June 1967).
115960. Imperial Chemical Industries Limited. Helically crimped filamentary materials. (22nd May 1967).
115961. Imperial Chemical Industries Limited. Method for the production of helically crimped filaments. (22nd May 1967).
115962. K. R. Sheth. Improvements in or relating to an ice-pick or the like device.
115963. Sandoz Ltd. Improvements in or relating to organic compounds. (19th May 1967).
115964. Sandoz Ltd. Improvements in or relating to organic compounds. (19th May 1967).
115965. Rheem International, Inc. Clipping device.

#### Alteration of date

106610. The claim to priority date 12th August 1965 has been abandoned and the application dated as of 11th August 1966, the date of filing in India.
107163. The claim to priority date 24th September 1965 has been abandoned and the application dated as of 21st September 1966, the date of filing in India.
112897. Ante-dated to 3rd February 1967 under Section 5 of the Act.
114840. Ante-dated to 19th December 1966 under Section 5 of the Act.
114875. Ante-dated to 3rd February 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hasting Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

90968. Dynamit Nobel Aktiengesellschaft. Cartridge for a propelling charge. Accepted on 8th May 1968.

*Comprising a projectile or a projectile like bolt formed for instance as a threaded bolt, nail to be shot into a wall, the projectile is placed into a shell made of plastic or like material and packed with propelling charge whereby the said plastic shell is so constructed that the gas pressure can tear off or open the plastic shell case at a cross-section pre-determined above its bottom wall portion.*

104899. Tesla, Narodni Podnik. Improvement in or relating to radar system. Accepted on 17th May 1968.

*Comprising at least one operational transmitter, two aerial units, a receiver with three indicators, and associated central units.*

106352. Phillips Petroleum Company. Improvements relating to carbon black compositions. Accepted on 26th April 1968.

*A composition comprising of a low structure acidic furnace carbon black and a furnace carbon black selected from high abrasion, super abrasion and intermediate super abrasion furnace blacks.*

106517. Dr. C. Otto & Comp. G.m.b.H. Horizontal chamber oven for producing coke and gas. Accepted on 6th May 1968.

*Characterized in that means are arranged above heating flues for further supply of air and lean gas.*

106534. R. Vaid and K. D. Vaid. A space skeleton frame structure. Accepted on 8th May 1968.

*Comprising units, each consisting of cold formed inward lipped channels, a connector plate with eight arms, nuts, a back-up spring and a bolt.*

106541. The New Shorrock Spg. & Mfg. Co., Ltd. A process for forming patterns on a fabric and a fabric so produced. Accepted on 8th May 1968.

*Having in the warp and weft a first component comprising yarns consisting of a polyester fibre or polyester blend and a second component comprising a yarn consisting of synthetic or natural fibre carbonizing the fabric to correspond to a selected pattern.*

106579. North American Rockwell Corporation. Axle assemblies having rigid axle members. Accepted on 10th May 1968.

*Comprising a center section and identical opposite end sections, each section comprising an inner bearing cylindrical section, an outer bearing mounting cylindrical section, a terminal section and annular flat outwardly facing smooth radial faces.*

106583. Institut gornogo dela Sibirskogo otdelenia An USSR. Impact device for driving horizontal holes in soft grounds. Accepted on 8th May 1968.

*Characterised in that the air-distribution mechanism providing the reciprocating movement of the striker is a two-stepped bushing connected to air supply main and to holes on the tail cavity of the striker.*

106603. United States Steel Corporation. Method and apparatus for refining molten metal. Accepted on 13th May 1968.

*Determining the rates of carbon input and the carbon leaving the furnace in the off gases and thereby obtaining the total weight of carbon removed from the bath.*

106610. C. A. Redfarn. An improved cement composition and its use in building constructional units. Accepted on 13th May 1968.

*Comprising resin, a cross-linking agent, colloidal material, an emulsifier.*

106634. Veb Filmfabrik Wolfen. Process for the manufacture of ethers of polymeric polyhydroxy-compounds. (29th April 1966). Accepted on 16th May 1968.

*Comprises in reacting the polymeric polyhydroxy compound with a metal alcoholate and the resulting compound is reacted with an alkyl or aralkyl halide or alkenyl or aralkenyl halide.*

106655. Sun Oil Company. Decolorization of waxes. Accepted on 14th May 1968.

*Diluting the wax with a non-polar solvent and contacting the resulting solution with an adsorbent admixture comprising at least one acid-activated adsorbent clay and a second adsorbent namely naturally occurring bleaching clays.*

106670. Franz Plasser Bahnbaumaschinen. A tool on railway track machines for packing or tamping the permanent way broken stone ballast. Accepted on 17th May 1968.

*Characterised by the tamping plate having a non-linear configuration in a cross-section taken through the tamping plate in a direction at right angle to the stem.*

106708. V. P. Dusaj and V. S. Dusaj. Improvements in or relating to hand compression liquid sprayer. Accepted on 6th May 1968.

*Container adapted to contain the pesticide or insecticide and pressurised air, an inner tube inside the said container and a flexible tubing for conveying the pesticide to a nozzle and means to regulate the atomising of said pesticide or insecticide and a detachable stopper body to accommodate a pressure releasing device and a pressure gauge.*

106745. Uniroyal Inc., formerly known as United States Rubber Company. Improvement in pneumatic tire compositions. Accepted on 13th May 1968.

*Comprises 15-35 parts by weight of ethylene-propylene-dicyclopentadiene terpolymer rubber and another elastomer.*

106751. Ciba Limited. Compositions for desiccating plants. Accepted on 18th May 1968.

*Comprising an active ingredient 2, 4-dihalogeno-6-cyanophenol or a salt thereof in admixture with a diluent or carrier.*

106803. Council of Scientific and Industrial Research. Improvements in or relating to method of cutting ceramic rods or tubes. Accepted on 10th May 1968.

*Rolling rods or tubes on a plate provided with blades with sharp edges or with fine stretched wire in the direction of rolling.*

106808. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of mixed oxide ceramic compositions. Accepted on 17th May 1968.

*Which consists in coprecipitating the metallic hydroxide from aqueous solution of the nitrates of metals required in the ceramic product by adding there to a precipitant and on igniting the precipitate to obtain the product.*

106820. Council of Scientific and Industrial Research. Improvements in or relating to the fabrication of cuprous chloride activated cells. Accepted on 8th May 1968.

*Consisting either posting or baking at low temperature cuprous chloride mix after applying on the copper face of copper-magnesium duplex electrode or the mix is pressed and baked at elevated temperature for the fabrication of the electrodes.*

106954. Spetsialnoe Konstruktorskoe Bjuro Po Selskokhozyaistvennym Mashinam and Nauchno-Issledovatel'sky Institut Sadovodstva Imani I. V. Michurina, Michurinsk. Mounting device for attaching farm implements preferably offset disc harrow. Accepted on 8th May 1968.

*Characterized in that a pair of link is connected to one end of a hook connected to the frame of the implement by rigid connections providing an independent turning of the link and the hook with respect to the said frame.*

107063. Meopta, narodni podnik. Slide changer. Accepted on 4th May 1968.

*Comprising a guide inside which slides a frame adapted to carry independently two slides and to bring always one of the slides into the beam of light of a slide projector, means on the frame along its longitudinal axis having thickness greater than the maximum thickness of the slide to be projected and arranged as a guide for the insertion of the slides in a direction perpendicular to the longitudinal axis of the frame.*

107070. Zaklady Wytworcze Aparatury Rozdzielczej. High voltage two-insulated disconnecting switch with a symmetrical set of shaped contact bridges and articulation and link mechanism locking the actuating mechanism. Accepted on 8th May 1968.

*In which the contact bridges cooperate with contact blades and are clamped in rotary terminal heads of insulated pillars, the locking mechanism is of a form of a pair of symmetrically cooperating alternatively quadric lock mechanisms.*

107163. The British Petroleum Company Limited. Lubricating composition and method for preparing the same. Accepted on 14th May 1968.

*Containing a mineral or synthetic lubricating base oil and an oleophilic graphite.*

107270. Council of Scientific and Industrial Research. Indigenous fluorescent dye-penetrants for surface and sub-surface crack detection. Accepted on 17th May 1968.

*Comprising water sodium hydroxide wetting agent, cutting oil and fluorescence.*

107341. S. A. des Etablissements Roure-Bertrand Fils & Justin Dupont. Novel diketones, process for their preparation and scented compositions containing the same. Accepted on 4th May 1968.

*Reacting a  $\alpha$ - $\beta$ -unsaturated ketone with a lower alkylorthoformate in the presence of an acid catalyst and the reaction product is subjected to hydrolysis.*

107562. M. B. Sebastian. Method and means for constructing hydraulic channels in the ground. Accepted on 9th May 1968.

*Mounting elongated guide means parallel to the two parallel lines limiting the side edges of the channels defining a track, mounting a mobile cart on the track which cart carries a tubular shaft positioned between the said parallel lines.*

107752. Farbenfabriken Bayer Aktiengesellschaft. Fungetoxic compositions containing thiolphosphoric acid esters. (6th October 1966). Accepted on 30th April 1968.

*Comprises a thiolphosphoric acid ester as an active ingredient along with solid or liquid diluent or carrier.*

107759. Celanese Corporation. A process of dry spinning filaments. Accepted on 10th May 1968.

The solvent evaporative medium is introduced into the filament forming zone at a locus intermediate the spinneret axis and the locus for filament removal and the said medium is removed adjacent the spinneret and said locus for filament removal.

107855. The English Electric Company Limited, Improvements in fuse fittings. (12th November 1965). Accepted on 6th May 1968.

Comprising a base and a fuse carrier member one of said members having a locking element movable from a first position permitting insertion and withdrawal and a second position preventing withdrawal of the carrier from the base.

107874. B. Romen. Shoe construction. Accepted on 7th May 1968.

Comprising a one-piece injection moulded shape retaining framework made from plastic material and a sole portion of said framework including a rigid insole portion.

107880. Societe D'Electro-Chimie, D'Electrometallurgie Et Des Acieries Electriques D'Ugine. Process for the preparation of acrylamide and methacrylamide. (8th July 1966). Accepted on 7th May 1968.

By hydrolysing the nitriles of acrylic or methacrylic acid in an acidic medium using for the hydrolysis 0.5 to 1.5 mole of sulphuric acid and 1.05 to 15.0 mole nitrile for 1 mole of water.

107975. Farbenfabriken Bayer Aktiengesellschaft. Production of new dyestuffs, dyeing preparations comprising the same, and textile materials dyed therewith. (10th December 1965). Accepted on 10th May 1968.

Reacting an amino or amide group containing dyestuff or dyestuff intermediate which contains a reactive hydrogen atom attached to the amine or amide nitrogen with a compound of the formula  $A-\gamma$  wherein  $A$  represent a 6 membered heterocyclic ring which contain at least one reactive sulphonyl substituent and  $\gamma$  is a radical which can split off as anion and in case dyestuff intermediate is used, this is converted by known methods into the desired final dyestuff.

108979. The Dunlop Company Limited. Improvements relating to the bonding and dyeing of thermoplastic synthetic materials. (1st February 1966). Accepted on 9th May 1968.

A liquid which is a solvent for the material at elevated temperatures only is applied to the material and liquid is heated to a temperature at which it is a solvent for the material but which is below the melting point of the material.

108013. Anglo American Corporation of South Africa Limited. Improvements in and relating to the recovery of vanadium from magnetite. Accepted on 14th May 1968.

Adding sodium sulphate and one or both of sodium carbonate and bicarbonate, passing the mix into a kiln and raising the temperature of the mix in the kiln where a soluble vanadium compound is produced.

108023. B. K. Sha. Improvements in or relating to food carriers. Accepted on 6th May 1968.

Plurality of hexagonal containers progressively decreasing in size and overall dimensions from bottoms to top, the alternate side walls of all the containers excepting the uppermost one being provided with externally projecting dimples, the vertical inwardly projecting linear depressions on all the containers excepting the lower most one the said dimples being adapted to slide within the said linear depressions.

108024. B. K. Sha. Improvements in or relating to food carriers. Accepted on 6th May 1968.

Plurality of rectangular containers adapted to be placed in a superimposed relationship, and means collapsing the vertical side walls thereof and further means for stacking these containers in the open and collapsed positions.

108152. Agripat S. A. Process for the production of a herbicidal composition for the control of weeds in grain fields and herbicidal composition so produced. Accepted on 14th May 1968.

Characterizes milling of 2-methyl-thio-4-ethylamino-6-tert, butylamino-s-trixine with the additives usual for weed control.

108211. Franz Plasser Bahnbaumaschinen. Track tamping machine. Accepted on 13th May 1968.

Comprising in that at least one packing tool frame, carried vertically adjustably by a bridge type chassis, one travel mechanism.

108249. Ministerul Industriei Chimice. Process for the separation of components from mixtures by rectifying in columns with high efficiency packings. Accepted on 8th May 1968.

In which the packings at the contact, are given a periodical oscillatory movement.

108343. Council of Scientific and Industrial Research. Process for the preparation of potassium carbonate using ion-exchange technique. Accepted on 13th May 1968.

Converting cation exchange resin into potassium form, eluting concentrating in the effluent, calcining.

108348. Chemische Fabrik Pforsee G.m.b.H. Process for manufacturing 1, 3-diaminopropanol. (2). Accepted on 9th May 1968.

Epichlorohydrin is reacted with an excess of an aqueous highly concentrated ammonia solution and a strong alkali in a quantity equivalent to the chlorine contents is added to the reaction product and the diaminopropanol is isolated.

108373. The Microcyclomat Co. Improved classifier apparatus for dry pulverulent material. Accepted on 8th May 1968.

Vertical axis classifying apparatus for separating fractions of finely divided pulverulent material with provision of positive separation and pneumatic seal means between the centripetal finer particle discharge and centrifugal coarser particle discharge to prevent intermixing of the two.

108420. Halcon International, Inc. Production of ethylbenzene hydroperoxide. Accepted on 10th May 1968.

In liquid phase oxidation of ethylbenzene the improvement which comprises carrying out the reaction initially at a higher temperature (135-165°C) and finally at a lower temperature (125-155°C).

108461. B. I. P. Brevets Inventions Promotions S. A. Improved adjustable door or window casing, and method for the construction thereof. Accepted on 9th May 1968.

Associating the spacer members to the supporting frame, adjusting the spacer members in relation to said frame whereby to enable them to correctly receive the ornamentation means.

108504. Farbenfabriken Bayer Aktiengesellschaft. Phosphorus containing esters. (17th August 1966). Accepted on 8th May 1968.

Production of dithiol phosphoric acid wherein a phosphoric acid monoester dihalide is reacted with a thio-phenol in the form of a salt or in presence of an acid bending agent.

108545. Ciba Limited. Water-insoluble anthraquinone dyestuffs and processes for their manufacture and polyester fibres coloured therewith. Accepted on 9th May 1968.

Boric acid esters of 1, 5-dihydroxy-4, 8-diaminoanthraquinone-2, 6-disulphonic acid are reacted with chromanes such as 2, 2', 4-trimethylchromane.

108608. Halcon International, Inc. Process for the preparation of propylene oxide. Accepted on 9th May 1968.

Propylene is reacted with an organic hydroperoxide.

108660. M. & T. Chemicals Inc. Tetrakis ( $\omega$ -carboxypoly-methylen) tins. Accepted on 9th May 1968.  
*The reaction product obtained by reacting tetrakis (2-cyanoethyl)tin with sodium hydroxide is acidified with hydrochloric acid.*
108661. M. & T. Chemicals Inc. Organotin mercaptides. Accepted on 9th May 1968.  
*Isooctylthioglycolate dissolved in tetrahydrofuran is added into tetrahydrofuran containing di (2-cyanoethyl) tin bromide and to this mixture triethyl amine is added and reacted.*
108662. M. & T. Chemicals Inc. Tris ( $\omega$ -carboxypoly-methylen) tin chloride. Accepted on 9th May 1968.  
*Reaction product obtained by reacting tetrales (2-cyanoethyl)-tin with sodium hydroxide is treated with concentrated hydrochloric acid.*
108664. M. & H. Chemicals Inc. Method for preparing organotin esters. Accepted on 4th May 1968.  
*A metal salt of a carboxylic acid with a tetra-valent organotin halide.*
108666. M. & T. Chemicals Inc. Organotin hydroxide and method for its preparation. Accepted on 4th May 1968.  
*Reacting in an aqueous organic solvent (i) a tris ( $\omega$ -cyanoalkyl) tin halide with (ii) a metal oxide capable of forming a less soluble corresponding metal halide.*
108703. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of high alumina refractories. Accepted on 13th May 1968.  
*By firing bricks made out of crushed and ground calcined aluminous materials like ordinary building sand, gangetic salt or low fluxing clays mixed with aluminous material.*
108774. C. A. V. Limited. Liquid fuel pumping apparatus. (31st January 1966). Accepted on 8th May 1968.  
*Providing a shaped surface which is formed on a part which is adjustably mounted in the stop for movement in a direction parallel to the longitudinal axis of the cylinder.*
108912. Dr. K. Schmitt. A metallurgical reverberatory furnace. Accepted on 8th May 1968.  
*A reverberatory furnace whose length is to breadth does not exceed 2.5:1 and wherein hearth is exposed to the flames into regions adjacent longitudinal edges.*
108942. K. A. Oesterheld. Chimney cooler for the cooling of liquids by means of atmospheric air. Accepted on 9th May 1968.  
*Characterized in that the tubes are made of asbestos cement, fibrous cement or another hygroscopic material, and designed so that desired small amounts of the liquid absorbed by the outer tube wall are allowed to advance as far as the inner wall surfaces of the tube to be evaporated within the tubes by atmospheric air passing therethrough.*
108993. National-Standard Company. Aluminium clad electric conductor wire and method of making such wire. Accepted on 13th May 1968.  
*Coating a ferrous metal wire with copper or nickel and extruding aluminium on to the wire at a pressure and temperature sufficient to effect recrystallisation of the copper or nickel.*
109029. Dalmine S.p.A. A process and device for drawing truncated-cone shaped bodies and the like. Accepted on 13th May 1968.  
*Characterized in that the deformation is performed in the same roll stand by means of several passes performed in rapid succession and maintaining same contact for each stroke and for each length.*
109072. W. S. Schenider and A. P. Corella. Method of and machine for forming containers. Accepted on 16th May 1968.  
*Comprises forming means for forming a flat continuous web into a tubular container closed at one end, an internal forming member for insertion inside the container and for supporting the same, and base forming means.*
109159. Yarway Corporation. Pump assembly. Accepted on 8th May 1968.  
*Any fluid in pumping chamber is transferred to upper branch upon displacement of shaft, and fluid is transferred from upper branch to chamber.*
109196. Kawecki Chemical Company. Composite refractory article. Accepted on 15th May 1968.  
*Comprising an impervious coating of an oxidation resistant material comprising 85 to 90% by weight of mixed  $ZrB_2$  and  $TiB_2$  wherein weight ratio of  $ZrB_2$  to  $TiB_2$  is between about 1:3 to 3:1, and from 1 to 15% by weight of silicon.*
109267. Albiwerk Zurich A.-G. Improvements in or relating to D. C. voltage regulators. (22nd November 1966). Accepted on 13th May 1968.  
*Comprising a series resistors, control transistors, first load terminal, bistable switching stage, base-emitter, voltage-integrating circuit, capacitors, second load terminal.*
109479. Chevron Research Company. Method for producing fibrous web from polymer film. Accepted on 15th May 1968.  
*Comprises passing the film across a driven roller sharp uniform protrusions at the surface and applying pressure to cause the protrusions to puncture the film, the driven roller peripheral speed being maintained within the range of 1.5 to 20 times the speed of film.*
109505. Ottermill Switchgear Limited. Improvements relating to electrical circuit interrupters. (22nd March 1966). Accepted on 8th May 1968.  
*Comprising operating mechanism for the interrupter contacts and a biased latch which engages with a part of the mechanism to prevent contact rebound, the mechanism being so constructed that during the initial stage of the contact closing operation, the portion is moved and disengages the latch from the part.*
109568. Hydrocarbon Research, Inc. Air separation with a nitrogen refrigeration circuit. Accepted on 14th May 1968.  
*Passing compressed cold air into high pressure fractionation to produce high purity oxygen and impure nitrogen, passing expanded nitrogen in heat exchange with oxygen.*
109594. Fmc Corporation. A process of making bearing race inserts. Accepted on 15th May 1968.  
*Shaping a blank by rolling between two sets of roller having mating concave and convex surfaces into an intermediary to be formed into a completed insert.*
109602. Algemeene Kunstzijde Unie N. V. A method for the manufacture of a melting grid, and a melting grid so manufactured. Accepted on 9th May 1968.  
*Characterized in that the grid bars and the inner wall of the annular chamber are formed from a single continuous tube.*
109656. Richardson, Tuer & Co., Limited and K. J. Fay. A dobby mechanism for weaving looms. (21st March 1966). Accepted on 9th May 1968.  
*Comprising a series of main levers one for each heald frame, a pair of reciprocating grippers and a selection mechanism.*
109697. Sandoz Ltd. Process for the production of reactive dyes. Accepted on 10th May 1968.

*Reacting 2-amino-5-hydroxynaphthalene-7-sulfonic acid with an acylating agent having at least one substituent cleavable as an anion and/or a multiple linkage capable of addition of a halogeno triazine or pyrimidine and coupling with the diazo compound of a meta-substituted amine.*

109744. Hercules Incorporated. Olefin polymerization catalyst pretreatment. Accepted on 4th May 1968.

*The catalyst is slurried in a solution of an organoaluminum catalyst activator then reacted with a small amount of ethylene, washed with an inert organic liquid and the supernatant liquid is separated to get the catalyst particles.*

109813. Amsted Industries Incorporated. Control apparatus for a pressure pouring arrangement. Accepted on 8th May 1968.

*Characterized by an air conduit to pressure tank, means producing air pressure in tank, sensing air pressure differential and a controller operative through the sensing.*

109819. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electrical parts, more particularly semiconductor devices. Accepted on 13th May 1968.

*Is provided with perforation having an envelope, and projecting conduction having a transverse profile, and each conductor comprising locking means.*

109822. Farbenfabriken Bayer Aktiengesellschaft. Process for the dyeing of shaped articles made of polyesters or cellulose triacetate. (13th December 1966). Accepted on 8th May 1968.

*Characterise in dyeing in the presence of one or more methylene glycol diphenyl ethers.*

109831. Allied Chemical Corporation. Process for producing high purity aluminium nitrate solutions from low grade aluminous ores of intermediate iron content. (20th September 1966). Accepted on 10th May 1968.

*Production of aluminium nitrate comprising (a) heating aluminium ore to 160°-220°C in which  $Al_2O_3 : Fe_2O_3$  is from 10:1 to 20:1 and aqueous nitric acid of concentration from 15-30% (b) separating the iron containing precipitate from nitrate solution.*

109914. Ciba Limited. New anthraquinone dyestuffs and processes for their manufacture and use. Accepted on 8th May 1968.

*Condensing an anthraquinone with an amine.*

109930. Veb Fotochemische Werke Berlin. A process for pre-treating film supports. (21st December 1966). Accepted on 4th May 1968.

*A solution of a polyester which is a reaction product of a polyepoxide or polyhydroxy compound with an acid component, said polyester containing free epoxy or carboxylic acid group is applied to the film support.*

109969. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to elongated incandescent lamps. Accepted on 13th May 1968.

*Comprising a bulb, filament, envelope caps, longitudinal axis greater than 1.5 and preferably 2.5 times the radius of the cross section of the bulb.*

109974. Bassani S.p.A. Fuse-holder. Accepted on 14th May 1968.

*Comprising a female part, electric contact, male part, insulated body, fusible wire small plate adequate throwing means, engaging means, clamping organ.*

109979. Central Glass Co., Ltd. A process for preparing phosphoric acid concurrently with gypsum. Accepted on 10th May 1968.

*Comprises in adding gypsum hemihydrate seed crystals to the gypsum dihydrate slurry obtained from phosphate rock, keeping the said slurry to a temperature sufficient to change the dihydrate, to hemihydrates, filtering of the hemihydrate, from phosphoric acid and washing the gypsum hemihydrates with water.*

110027. Turner & Newall Limited. Improvements in metal columns. (2nd April 1966). Accepted on 13th May 1968.

*Having a steel base plate welded to the lower end of the column, said plate having a bolt hole within the side walls of the column, one of the side walls having an aperture adjacent the base plate.*

110063. Farbenfabriken Bayer Aktiengesellschaft. Process for brightening textile and other shaped materials made from synthetic substances. (8th August 1966). Accepted on 15th May 1968.

*Treating with 3-phenyl-7-benzotriazolyl-coumarin compound.*

110099. Union Carbide Corporation. Manufacture of carbon black. Accepted on 10th May 1968.

*Characterized in that the fuel is combusted with a gas containing at least 50% oxygen by volume, thereby causing the combusted gases to attain a temperature 4000°-6000°F and that the combusted gases while at such temperature are caused to flow at an average velocity of at least 1000 ft./Sec. during at least part of the time that they are in contact with unreacted feed material.*

110104. Delhi Cloth & General Mills Company Limited. Improvements in or relating to the preparation of peroxidicarbonates. Accepted on 9th May 1968.

*Reacting alcohol with liquified phosgene in the presence of  $AlCl_3$  catalyst and reacting the chloroformate thus obtained with sodium peroxide.*

110123. Franz Morat G.M.B.H. Improvements relating to circular knitting machines. (3rd February 1967). Accepted on 4th May 1968.

*Characterised by that each slider is operated by individual spring rod and the spring rods along with its armature are located at two different heights and at least two control magnets being provided in time with two different tracks or rows of the spring rod armature.*

110143. Skelleftea Gummifabriken A. B. Improvements in sieve elements. Accepted on 17th May 1968.

*Comprising a sieve cloth of elastomeric material, elastic reinforcements are firmly arranged between the arrays of openings secured to rigid frame along the edges of the sieve cloth.*

110154. Gebr. Böhler & Co., Aktiengesellschaft. Improvements in or relating to the manufacture of stretch formed products of high-melting metals. Accepted on 14th May 1968.

*Characterized in that the entire previously solidified portion of the casting is subjected to a single stage stretch-deformation in a length portion in which there would still be a convection current in the liquid core.*

110224. Ciba Limited. Heat-Curable Mixture of epoxide resin, dicyandiamide and accelerator. Accepted on 8th May 1968.

*Composing epoxide compound, a dicyandiamide as curing agent and hexamethylene tetramine as an accelerator.*

110325. D. N. Sondhi & Co. A paper welder or the like. Accepted on 10th May 1968.

*Comprising a metallic lever having two arms nearly at an angle of 60° roller, a metallic supporting base within which the said two levers are housed, two sets of metallic creased teeth, a pad of rubber-cork mould fixed at the bottom of the supporting base, and spring.*



110352. Hercules Incorporated. Polyolefin compositions containing a basic polyamine dye site additive. Accepted on 16th May 1968.

*Comprising 80 to 99.5% of a stereoregular polyolefin and 0.5 to 20% of a polyamide.*

110357. Amsted Industries Incorporated. Apparatus for manipulating railway wheels in a testing station. Accepted on 13th May 1968.

*Water tank containing an ultrasonic testing device, means supporting the wheel in the testing station, means for lowering and raising the wheel into and out of the tank.*

110416. Societe Des Accumulateurs Fixes Et De Traction. Improvements in or relating to electrochemical cell of the cylindrical type. [Addition to No. 100345]. Accepted on 17th May 1968.

*Comprising sealing cup, metal cup, outer electrode inner electrode is of carbon rod, plastic casing, lateral part of the casing covered by a metallic casing.*

110715. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Cooler particularly a circular cooler, for agglomerated materials. Accepted on 17th May 1968.

*Characterised in that the side plates are provided with openings in the level of the material to be cooled which are connected with cold air introducing system.*

110719. David Brown Gear Industries Limited. A method of securing together male and female components. (25th May 1966). Accepted on 8th May 1968.

*Forming clearance between male and female components mating surfaces, applying an adhesive which benefit from pressure during curing, pressing the components.*

110780. Joseph Lucas (Industries) Limited. Stator assemblies for dynamo electric machines. (27th June 1966). Accepted on 8th May 1968.

*Comprising winding  $n$  phase on core of 'n.a' slots, 'a' is even number, spaced  $n-2$  slots. winding passing each  $n$ th slot.*

110915. Toyo Koatsu Industries, Incorporated. Herbicidal composition. Accepted on 15th May 1968.

*Comprising an active ingredient in admixture with a diluent or carrier.*

110947. Ciba Limited. Process for the manufacture of glycidyl ethers of polyphenols with a high content of epoxide oxygen. Accepted on 15th May 1968.

*Characterised in that, after the irreversible formation of the chlorohydrinether by catalytic condensation of polyphenol and epichlorohydrin, the chlorohydrinether groups are transepoxydized to form glycidylether groups and on attaining equilibrium in transepoxydation, the reaction mixture is dihydrohalogenated with alkali to form polyphenol-polyglycidyl ether and epichlorohydrin respectively.*

111043. Zuccolo-Rochet & Co. Clasp for wrist band and the like. Accepted on 13th May 1968.

*Comprising a metallic band having two stand (A & B), plurality of spaced elements, closing member, claw like member a stirrup spaced element.*

111053. L. E. Landeborg, S. T. Henriksson and R. L. Muotka. A low-built railway carriage. Accepted on 8th May 1968.

*Composed of a plurality of flexibly coupled carriage body elements and having raised portions at the coupled ends by means of which they are swingably carried on common bogies.*

111089. Fairbairn Lawson Limited. Improvements in mountings for weaving loom picking arms. (14th June 1966). Accepted on 15th May 1968.

*Comprising a bracket having a groove in its outer end face and a clamping plate having a groove in its inner face means being provided for displacing the clamping plate towards the brackets to clamp the picking arm between them.*

111131. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Process and device for cleaning rotating spinning chambers. Accepted on 3rd May 1968.

*A cleaning channel opens out in the collecting groove of the rotating spinning chamber.*

111198. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Thread retaining device and the process thereof. Accepted on 8th May 1968.

*A thread clamp is arranged between the spinning chamber and thread forming zone and thread pull off device to retain the thread in the spinning device.*

111229. Fosco International Limited. Heat settable resin coated slabs for use in lining ingot moulds and methods of securing such slabs. (24th June 1966). Accepted on 10th May 1968.

*Securing heat insulating slabs to the inner wall of head of ingot mould by applying heat settable adhesive resin on slab face and contacting that face on mould and heating.*

111263. Solvay & Cie. Process for the polymerisation and the copolymerization of olefins. Accepted on 8th May 1968.

*Polymerisation and copolymerisation of olefins are carried out in the presence of a metal catalyst.*

111349. Brown, Boveri & Company Limited. Method of sealing the ramming mix of rammed melting crucible. Accepted on 13th May 1968.

*Characterized in that a frit mixed with water is applied to the cold rammed mass, the frit after its application is liquified by heating the rammed mass and diffuses into latter.*

111422. Western Electric Company, Incorporated. A method of forming metallic patterns on substrate bodies. (11th November, 1966). Accepted on 8th May 1968.

*Including the steps of depositing a layer of titanium on a surface layer of the substrate, depositing a layer of platinum on the titanium layer, forming on the platinum layer and mask conforming to the pattern and removing by etching the unmasked portions of the platinum layer and forming a layer of gold only on the portions of the platinum layer forming the pattern.*

111427. T. C. Garg and Mrs. Uma Chandavarkar. A cigarette lighter cum ashtray cum container. Accepted on 9th May 1968.

*Characterised in that a swivelling tray fitted to the front bottom portion of the container is horizontally movable up and down and a cigarette lighter fitted at one end of the tray can be rotated 90° from its initial horizontal position igniting a heating element.*

111465. W. Ludin. Process and apparatus for drying sludge such as sewage sludge. Accepted on 10th May 1968.

*Wherein heat contained in the waste gas of the sludge drying plant is used partially to de-water the sludge in a partial-pressure evaporator to which the sludge is fed.*

111514. Quickfit & Quartz Limited. A method of manufacturing an article of vitreous material and apparatus therefor. (15th July 1966). Accepted on 14th May 1968.

*Sensing thermal radiation of a heated material to produce a signal which in turn is utilised to and control heating and other manipulative operations.*



111544. The Bendix Corporation. Oil cooled generator. Accepted on 8th May 1968.

Including a pair of spiral channels around the machine housing and a another one in the rotor for cooling liquid a pair of heat exchange member in the rotor and another one positioned between the stator winding and the housing.

111616. P. R. Gupta. Improvements in device for ascertaining or maintaining constant the level of liquid electrolyte in wet storage batteries. [Addition to No. 102730]. Accepted on 17th May 1968.

Characterised in that a small opening is provided in the wall of the neck portion intermediate the base of said neck.

111667. St. Anne's Board Mill Company Limited. Flow boxes for machines for dewatering watery pulp. (1st. September 1966). Accepted on 8th May 1968.

A flowbox for a paper, board or similar fibrous web making machine, the arrangement being such that stock flowing there through undergoes a rapid change in direction and velocity of flow to promote turbulence, mixing and deflocculation.

111715. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of a solvent-free, aqueous neutral cyanuric chloride suspension. Accepted on 9th May 1968.

Rumling molten cyanuric chloride into water.

111719. Givaudan & Cie Societe Anonyme. Preserving agent. Accepted on 15th May 1968.

Comprises incorporating into a composition susceptible to spoilage a compound of formula  $A-Z$  wherein  $A$ =phenyl or naphthyl both of which may be substituted with nitro, halo, alkyl or alkoxy and  $Z$ = $-(CH_2)_n-CHX-NO_2$  or  $-(CH_2)_n-CHX-NO_2$  wherein  $x$ =halogen and  $n=1$  or 2.

111800. Door-Oliver Incorporated. Apparatus and method for the purification treatment of liquids through flocculation. Accepted on 8th May 1968.

Comprising a tank having a central hollow vertical member having over-flow passages at the top, characterised in having duct means extending outwardly from the hollow member and arranged for drawing and recirculating sludge preferably from a plurality of concentric annular portions of the sludge zone into hollow member by means of upflow inducing means.

111837. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Joint separation of acetylene and ethylene from cracked gases. Accepted on 9th May 1968.

Drying, removing methane and remaining hydrocarbons by condensation and separating acetylene and ethylene together with methane and ethane by pressure distillation at 5—40 atmosphere liquid fraction.

111862. Glanzstoff A. G. A process for the production of leatherlike microporous sheet structures and structures so produced. (24th May 1967). Accepted on 4th May 1968.

In which a polyarethane-containing polymer and a suitable solvent for polyurethane is applied as a coating layer to a foundation layer of a fabric in which an elastomeric binder is uniformly distributed.

111890. B. I. P. Brévets, Inventions, Promotions S. A. Shell-mounted broom or similar brushwear article. Accepted on 16th May 1968.

Two half-shells defining a skirt for receiving a fibres, a socket for receiving broom stick, centering means, and complementary attaching means adapted to be clamped.

112089. Paltex Project Company G.m.b.H. Balloon limiting device for two-for-one twisting machines. Accepted on 8th May 1968.

The retaining rings are provided on both sides of its slot with vertical supporting columns having adjusting devices radially engaging on both sides of the slot.

112130. Eli Lilly and Company. A composition for control of pathogenic plant fungi in agricultural soil. Accepted on 17th May 1968.

Comprises a halo-nitro benzotrifluoride as the active component.

112368. Pike Corporation of America. Stabilized floating structure. Accepted on 7th May 1968.

A floating structure stabilized against rolling and pitching movements induced by wave action comprising a stabilizing body affixed to and positioned a substantial distance beneath said buoyant body to move freely and to transmit a force moment to said buoyant body.

112425. Carrier Corporation. Refrigeration system. Accepted on 15th May 1968.

Including a compressor with a first heat exchange coil joined to the discharge side of the compressor, expansion means, and a second heat exchange coil joined to the suction side of the compressor, relief passage forming means, and a control for the passage means responsive to pressure difference between the compressor discharge and suction sides.

112426. Carrier Corporation. A fluid compressor. Accepted on 4th May 1968.

Comprises compression means, a crankcase compartment, shaft means, a compression means, means for lubrication, means for at least some points of frictional wear in the compressor.

112442. Glaverbel. Apparatus for surface coating articles. Accepted on 8th May 1968.

A partial vacuum chamber, an article supporting means inside a rotary carrier for coating substances.

112441. Glaverbel. Method and apparatus for surface coating articles. (21st August 1967). Accepted on 8th May 1968.

By deposition in vacuo, using different sources of emission of atoms or molecules for different coating layers, the surface and the emission source being stationary during the deposition.

112458. S. R. Nanavati. An advertising device. Accepted on 13th May 1968.

Comprises two foils, one foil is disposed coaxially inside the other, the outer one is stationary and opaque, and the inner one is fixed to a tray and is opaque or semi-transparent.

112629. Stamcarbon N. V. Process for the crystallization of urea and, if so desired, biuret from biuretcontaminated solutions of urea in water. Accepted on 8th May 1968.

Comprising subjecting the urea solution to a first vacuum crystallization at 40—70° to remove 90—95% of urea crystals and subjecting the mother liquor to a second vacuum crystallization at 90—110°C to remove more urea crystals and discharging the mother liquor.

112703. The Gillette Company Defect identifying apparatus for steel strip. Accepted on 15th May 1968.

Sensing a parameter of the strip, producing gating signals, a magnetic marking head for detecting magnetic spot which is sensed by a magnetic sensor and removed.

112747. Hercules Incorporated. Improvements in or relating to electric blasting cap assemblies. Accepted on 15th May 1968.

Electric blasting caps adapted to function normally for a predetermined period of time after emplacement in a water covered blasting environment but to thereafter become disarmed when remaining in that environment.

112755. Pirelli Societa Per Azioni. Improvements in or relating to vehicle wheel pneumatic tyres of the replaceable tread type. (10th October 1967). Accepted on 15th May 1968.

*A tyre of the replaceable tread type constituted by a tread ring and a casing unit which is formed with a seat, the radially outwardly directed surface of the seat having a stepped coupling profile and the radially inwardly directed surface of said tread ring having a coupling profile which is complementary to that of said seat.*

112808. H. S. Schlatter Ag. Device for welding preheated material. Accepted on 15th May 1968.

*Comprising at least one flash—but welding machine and guide rails along which the machine is movable by means of a drive characterised in that above and below the welding machine at least one rail is arranged which serves to support and guide the machine.*

112893. Caterpillar Tractor Co. Push-pull coupling for tractor-scraper units. Accepted on 7th May 1968.

*A push-pull coupling for a tandem combination of self powered vehicles to permit rapid connection and disconnection of the coupling betn. the vehicles and to control its operation.*

112897. Murgatroyd's Salt and Chemical Company Limited. Improvements in or relating to electrolytic diaphragm cells. [Divisional date 3rd February 1967]. Accepted on 10th May 1968.

*A diaphragm cell wherein the base of tray like member is formed from a flat sheet of titanium and bonded to a thick underplate of copper or aluminium.*

112923. Kanegafuchi Boseki Kabushiki Kaisha, and Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S. p. A. A method of producing polyamide composite filament having a latent highly elastic and highly recoverable crimp. Accepted on 15th May 1968.

*Characterised in that one component is a homopolyamide and the other is a copolyester amide.*

113086. Universal Oil Products Company. Oxidation of soluble sulfide compounds. Accepted on 8th May 1968.

*Contacting solution of a sulphide compound with a oxygen containing gas in presence of a solid catalyst selected from the group consisting of sulphides of nickel, iron and cobalt and mixtures thereof.*

113236. Modern Mining Machinery Limited. Improvements in or relating to mineral cutting machines. Accepted on 8th May 1968.

*Apparatus for cutting mineral comprising a horizontally and vertically mounted shaft, means for rotating the shafts, circular cutting means having cutting teeth mounted at the end of vertical and horizontal shaft, the arrangement being such that the circular cutting means are in juxtaposition so as to cut two horizontal and one vertical cut of mineral.*

113397. International Business Machines Corporation. Improvements in or relating to printers. Accepted on 7th May 1968.

*A printer for a cash register or a similar machine, including a print station comprising a print bed, an ink source, a first and a second document positioning means and print means operable to effect two print operations during each printing cycle.*

114840. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions containing dithiophosphoric esters. (17th August 1966). [Divisional date 19th December 1966]. Accepted on 8th May 1968.

*Comprising as active ingredient a dithiophosphoric acid triester in admixture with a solid carrier or with a liquid solvent containing an emulsifying agent and/or a dispersing agent.*

114875. Yarway Corporation. Pump assembly. [Divisional date 3rd February 1967]. Accepted on 8th May 1968.

*A rotor with a radial recess, a piston within said recess, a guide engaging piston, means causing rotation between rotor and guide, adjusting position of guide relative rotor, a pumping chamber.*

#### Patents Sealed

101417. 101421. 101457. 101475. 101508. 101513. 101521. 101544. 101650. 101663. 102025. 102176. 102356. 102371. 102424. 102461. 102566. 102608. 102858. 102968. 102993. 102994. 103047. 103081. 103105. 103361. 103395. 103439. 103457. 103487. 103540. 103664. 103668. 103765. 103886. 103956. 104027. 104126. 104133. 104151. 104484. 104693. 104762. 104822. 104832. 104871. 104896. 105099. 105102. 105130. 105135. 105150. 105163. 105195. 105220. 105224. 105226. 105326. 105395. 105492. 105689. 105696. 105735. 105809. 105936. 106108. 106117. 106138. 106174. 106175. 106355. 106400. 106474. 106550. 106589. 106606. 106779. 106792. 106841. 106941. 107036. 107168. 107181. 107327. 107431. 107856. 108289. 108590.

#### Renewal Fees Paid

49812. 49850. 50464. 51499. 51500. 51740. 51872. 51873. 52057. 52142. 52152. 52400. 53541. 54627. 54626. 54649. 54674. 54738. 54739. 54754. 54794. 54803. 54804. 54842. 54857. 54952. 54957. 54964. 57230. 57255. 57264. 57364. 57394. 57395. 57406. 57441. 57445. 57508. 57552. 57590. 57603. 57606. 57613. 57628. 57683. 57731. 57732. 57734. 57745. 57773. 57774. 57795. 57904. 58402. 60249. 60319. 60573. 60574. 60594. 60601. 60700. 60709. 60725. 60770. 60771. 60840. 60843. 60853. 60856. 60858. 60872. 60890. 60898. 60947. 62315. 63953. 64110. 64163. 64183. 64278. 64310. 64378. 64379. 64384. 64385. 64397. 64403. 64409. 64431. 64436. 64477. 64478. 64486. 64547. 64641. 64666. 64743. 64805. 65847. 67585. 67742. 67743. 67807. 67906. 67919. 67928. 67930. 67948. 67966. 67970. 67989. 68030. 68047. 68067. 68068. 68085. 68101. 68110. 68111. 68144. 68209. 68218. 68227. 68267. 68312. 68372. 68373. 68453. 68483. 68501. 68518. 71662. 71880. 71904. 71965. 71988. 72013. 72028. 72059. 72073. 72074. 72075. 72085. 72104. 72120. 72135. 72154. 72165. 72177. 72186. 72210. 72251. 72255. 72304. 72326. 72332. 72349. 72350. 72380. 72394. 72395. 72472. 72630. 72717. 72725. 72755. 72863. 72868. 73131. 76349. 76553. 76804. 76821. 76873. 76916. 76966. 77005. 77008. 77017. 77026. 77027. 77028. 77035. 77036. 77060. 77104. 77119. 77121. 77126. 77130. 77147. 77175. 77179. 77212. 77217. 77245. 77265. 77292. 77296. 77297. 77311. 77312. 77313. 77334. 77341. 77376. 77420. 77482. 77605. 77774. 77783. 77785. 77857. 78042. 78106. 78107. 78108. 78109. 78353. 82293. 82412. 82433. 82511. 82538. 82541. 82550. 82579. 82616. 82624. 82625. 82672. 82674. 82693. 82696. 82707. 82713. 82730. 82772. 82812. 82869. 82870. 82871. 82872. 82873. 82878. 82889. 82920. 82942. 82975. 83027. 83046. 83047. 83048. 83061. 83202. 83280. 83450. 83506. 83619. 83622. 84960. 84961. 87289. 87896. 87901. 87902. 87948. 87959. 88143. 88158. 88233. 88235. 88237. 88241. 88242. 88243. 88245. 88253. 88264. 88268. 88281. 88282. 88284. 88301. 88309. 88316. 88332. 88355. 88356. 88371. 88397. 88414. 88415. 88417. 88418. 88423. 88427. 88428. 88441. 88442. 88443. 88457. 88470. 88478. 88498. 88527. 88544. 88550. 88552. 88557. 88582. 88583. 88601. 88614. 88616. 88715. 88771. 88865. 88882. 88902. 88903. 88910. 88992. 89009. 89079. 89167. 89183. 89213. 89214. 89225. 89237. 89271. 89303. 89368. 89715. 93750. 93769. 93773. 93810. 93819. 93870. 93880. 93917. 93919. 93926. 93932. 93955. 94003. 94013. 94019. 94020. 94039. 94046. 94062. 94065. 94072. 94078. 94079. 94089. 94110. 94114. 94116. 94120. 94166. 94169. 94173. 94191. 94192.

94206. 94241. 94262. 94264. 94281. 94285. 94312. 94315.  
 94332. 94338. 94357. 94371. 94405. 94436. 94487. 94503.  
 94506. 94507. 94530. 94632. 94645. 94649. 94708. 94712.  
 94763. 94817. 94822. 94858. 94927. 94928. 94954. 94958.  
 94959. 94966. 95221. 95242. 95259. 95261. 95806. 97351.  
 97368. 97410. 97716. 98410. 98499. 98500. 98660. 98754.  
 98759. 98801. 98810. 98882. 98886. 98898. 98920. 99023.  
 99062. 99096. 99193. 99447. 99451. 99493. 99496. 99692.  
 99748. 99776. 99879. 99926. 99927. 99969. 100074. 100182.  
 100183. 100186. 100202. 100203. 100231. 100252. 103862.

#### Cessation of Patents

43166. 43629. 45181. 47295. 47297. 47319. 47323. 49570.  
 49572. 49578. 49583. 49588. 49596. 49602. 50181. 51937.  
 51939. 51950. 51951. 51957. 51958. 53407. 54497. 54501.  
 54524. 54527. 55579. 55904. 55905. 57334. 57344. 57346.  
 57350. 57354. 57368. 57371. 58009. 60353. 60504. 60506.  
 60509. 60532. 60534. 60536. 60537. 60558. 60559. 60562.  
 60563. 60569. 61029. 62486. 62853. 63748. 63750. 64089.  
 64099. 64102. 64103. 64108. 64113. 64125. 64130. 64134.  
 64339. 66534. 67687. 67700. 67706. 67709. 67720. 67722.  
 67739. 67740. 67741. 67744. 67745. 67747. 67752. 67753.  
 67754. 67772. 67786. 71815. 71822. 71823. 71835. 71837.  
 71838. 71839. 71849. 71851. 71861. 71866. 71871. 71874.  
 71877. 71878. 76667. 76668. 76672. 76676. 76679. 76680.  
 76681. 76685. 76686. 76689. 76693. 76699. 76701. 76702.  
 76703. 76711. 76712. 76714. 76716. 76726. 76733. 76734.  
 76739. 76742. 76743. 76749. 76751. 76755. 76764. 76765.  
 76766. 76767. 76768. 76769. 76773. 76774. 76775. 76779.  
 76781. 76793. 76860. 76897. 76899. 82248. 82249. 82254.  
 82277. 82281. 82304. 82310. 82314. 82319. 82321. 82322.  
 82326. 82332. 82338. 82343. 82352. 82356. 87965. 87966.  
 87967. 87970. 87978. 87979. 87981. 87997. 88013. 88025.  
 88031. 88038. 88039. 88052. 88055. 88060. 88061. 88071.  
 88072. 88080.

#### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 59775—John Pollard Deniss & Harry Pollard Deniss.

The patent ceased on the 1st March 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 20th April 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 13th July 1968.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83873—Reotilal Shah.

The patent ceased on the 27th August 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 11th May 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 13th July 1968.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 88257—Mukul Das.

The patent ceased on the 4th June 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 4th May 1968. Any person may

give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 13th July 1968.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 9011—Rajinder Kumar Raikhy.

The patent ceased on the 1st October 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th April 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 13th July 1968.

(5)

Notice is hereby given that an order was made on the 5th April 1968, restoring the original patent numbered 70596, dated as of the 3rd February 1960, alongwith the patent of addition to the said patent, numbered 72802, and dated as of the 30th July 1960, granted to Ranajit Kumar Sengupta for "improved spraying or atomising device".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 131968. Bharat Electronics Limited, Jalahalli P.O., Bangalore-13, Mysore, Indian Concern, "The transreceiver", October 9, 1967.

Class 1. No. 132135. Nirman Industries, 109, Nirankari Colony, Delhi, An Indian Partnership Concern, "Cycle lock", October 26, 1967.

Class 1. No. 132173. Suresh Kumar, Proprietor of the firm Modern Sanitation and Electricals, H. No. 14, Gurdwara Road, Karol Bagh, New Delhi-5, India, Indian, "Safety valve for geyser", November 4, 1967.

Class 1. No. 132208. Elite Electrical Industries, an Indian Partnership Firm, 380-381, Gali Matawali, Telegu, Delhi-6, "Electric toaster", November 13, 1967.

Class 1. No. 132358. Grover Brothers, 180, Kamla Market, New Delhi-1, a firm registered under the Indian Partnership Act, 1932, "Room air cooler", December 5, 1967.

Class 1. No. 132377. Modern Small Scale Industries, an Indian Partnership Company, 4/1, Jaymahal Estate Building, Lohar Chawl, City of Bombay, State of Maharashtra, India, "Bottle stands", December 7, 1967.

Class 1. Nos. 132689 and 132690. Elegant Industries Private Limited, (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay 18 (Maharashtra), "Ear top", January 9, 1968.

Class 1. Nos. 132691 and 132692. Elegant Industries Private Limited, (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay 18 (Maharashtra), "Necklace", January 9, 1968.

Class 1. No. 132700. Philips India Limited, 7, Justice Chandra Madhab Road, Calcutta 20, West Bengal, India, an Indian Company, "A floodlight fitting", January 11, 1968.

Class 3. No. 131700. En Gee Industries, 3, Dharganga Castle, Allahabad-2 (U.P.) an Indian Partnership Firm, "Toy", September 2, 1967.

Class 3. No. 131881, Excell Electric Industries, an Indian Proprietary Firm, 136, Kakad Industrial Estate, L. J. Road, Mahim, Bombay-16 (Maharashtra), "Bell", September 29, 1967.

Class 3. No. 132168, Prem Prakash Seth, 1-E/4, Patel Nagar East, New Delhi-8, Indian National, "Toy Pistol", November 4, 1967.

Class 3. No. 132203, A Saleh Mohamed & Co., 269, Jumma Masjid, Bombay 2, (Maharashtra), (an Indian Firm), "Perfumery bottle container/holder", November 10, 1967.

Class 1. No. 132386, Bekoplast Enterprise, (an Indian Partnership Firm), 97, Udyog Bhawan, Old Prabhadevi Road, Bombay 28, (Maharashtra), "Water immersion heater", December 11, 1967.

Class 3. No. 132387, Bekoplast Enterprise, (an Indian Partnership Firm), 97, Udyog Bhawan, Old Prabhadevi Road, Bombay 28, (Maharashtra), "Water immersion heater", December 11, 1967.

Class 3. No. 132706, Jaggy & Company, 12, Rampart Row, Fort, Bombay 1, Maharashtra State, India, an Indian Company, "A dish", January 15, 1968.

Class 3. No. 132707, Jaggy & Company, 12, Rampart Row, Fort, Bombay 1, Maharashtra State, India, an Indian Company, "A tumbler", January 15, 1968.

Class 4. Nos. 131963 to 131965, Bengal Potteries Limited, 45, Tangra Road, Calcutta-15, State of West Bengal, India, an Indian Concern, "Crockery 1. Cup and Saucers, 2. Pitcher, 3. Bowl, 4. Pot and saucer", October 6, 1967.

Class 4. Nos. 132315 and 132316, A Saleh Mohamed & Co., 269, Jumma Masjid, Bombay 2, (Maharashtra), (An Indian Firm), "Bottle", December 4, 1967.

Class 4. No. 132353, The Bombay Oil Industries Private Ltd., A Company registered in India, of Kanmor House, 281—287, Narsi Natha Street, Bombay-9, State of Maharashtra, India, "A bottle", Dec. 5, 1967.

Class 5. No. 132251, Navinchandra Shival Shah, Indian National of Anand Bhuvan, 14, Sir Phirozshah Mehta Road, Vile-Pare (East), Bombay 57 (AS), State of Maharashtra, India, "Display packages for nipples for feeding bottles", December 1, 1967.

Class 5. No. 132252, Navinchandra Shival Shah, Indian National of Anand Bhuvan, 14, Sir Pherozshah Mehta Road, Vile-Pare (East), Bombay-57 (AS), State of Maharashtra, India, "Display packages for brush for cleaning nipples and feeding bottles", December 1, 1967.

Class 5. No. 132253, Navinchandra Shival Shah, Indian National of Anand Bhuvan, 14 Sir Phirozshah Mehta Road, Vile-Pare (East), Bombay-57 (AS), State of Maharashtra, India, "Display packages for closure caps for feeding caps", December 1, 1967.

Class 9. Nos. 133314 and 133315 to 133330, Hindustan Embroidery Mills Private Limited, Chheharts (Amritsar) Punjab, India, Nationality: Indian Firm, (A Private Limited Company incorporated under the Indian Companies Act), "Face", March 11, 1968.

Class 13. Nos. 133019 to 133051, The Bombay Dyeing & Mfg. Co., Ltd., A Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles", February 12, 1968.

Class 13. Nos. 133107, 133110 and 133111, 133113 to 133117, 133119, 133123, 133125, and 133127, The Crown Spg. & Mfg. Co. Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay 1, Maharashtra, Nationality—Indian Company, "Textile goods", February 15, 1968.

Class 13. Nos. 133133 and 133134, Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), A registered firm of Indian Nationality, "Textile goods", February 16, 1968.

Class 13. Nos. 133268 and 133269, The Bombay Dyeing & Mfg. Co., Ltd., A public limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton Textiles", March 11, 1968.

Class 14. Nos. 132339, 132343 and 132347, The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", December 4, 1967.

#### COPYRIGHT EXTENDED FOR A SECOND PERIOD FOR FIVE YEARS

Design Nos. 117951 and 118895 Class—3.

#### COPYRIGHT EXTENDED FOR A THIRD PERIOD FOR FIVE YEARS

Design No. 94912 Class—3.

#### NAME INDEX FOR APPLICANTS FOR PATENTS DURING THE MONTH OF APRIL 1968

(Nos. 115208—115688)

Name & Application No.

A

Abbott Laboratories—115616, 115617.

Ab. Grybystans Stalmobler—115686.

Acharya V. S.—115305.

Aggarwal R. S.—115651.

Agripat S. A.—115592, 115593, 115594.

Ahmedabad Manufacturing and Calico Printing Co. M/s.—115409.

Aktiebolaget Bofors—115354.

Aktiebolaget Leo—115229.

Aktiebolaget Svenska Kullagerfabriken—115254.

Aktieselskabet Dansk Sprængbeton—115314.

Allen Haug Kg.—115298.

Allen & Hanburys Ltd.—115400.

Allied Chemical Corporation—115597, 115598, 115599, 115600.

Allied Research Associates, Inc.—115661.

American Cyanamid Company—115228.

American Home Products Corp.—115391.

Amore, D. L.—115247, 115322.

Argus Chemical Corporation—115554.

Armco Steel Corp.—115480.

Asahi Kasei Kogyo Kabushiki Kaisha—115543.

Ateliers Belges Réunis S. A.—115657.

B

Balani, M. N.—115348.

Ballawar, G. K.—115328.

Barthakur, B.—115327.

Battelle Development Corp., The.—115476.

Beecham Group Ltd.—115427, 115428.

Bengal Coal Company Ltd., The.—115548, 115549, 115550, 115551, 115552, 115688.

Berckheim C. G. V.—115680.

B. F. Goodrich Company The.—115373, 115374.

Bhate, M. D.—115283.

Bhate, S. M. Smt.—115284.

Biochemie Gesellschaft Mit Beschränkter Haftung—115415.

Boots Pure Drug Co. Ltd.—115581.

Bp Chemicals (U.K.) Ltd.—115253.

Bright Products Ltd.—115546.

Bristol Myers Company—115555.

British India Corp. Ltd.—115421.

British Petroleum Co. Ltd., The.—115425.

C

Cardwell Westinghouse Company—115346.

Caterpillar Tractor Co.—115335.

C. A. V. Limited—115411, 115446, 115508, 115509, 115572.

## Name &amp; Application No.

## Name &amp; Application No.

C. D. Società Per Azioni Di Enzo Seregnoli e  
Ariosto Serrani & C. S.p.A.—115378, 115379, 115380,  
115381, 115382, 115383, 115384, 115385, 115386,  
115387, 115388, 115389, 115390, 115391, 115392,  
115393, 115394, 115395, 115396, 115397, 115398,  
115399, 115400, 115401, 115402, 115403, 115404,  
115405, 115406, 115407, 115408, 115409, 115410,  
115411, 115412, 115413, 115414, 115415, 115416,  
115417, 115418, 115419, 115420, 115421, 115422,  
115423, 115424, 115425, 115426, 115427, 115428,  
115429, 115430, 115431, 115432, 115433, 115434,  
115435, 115436, 115437, 115438, 115439, 115440,  
115441, 115442, 115443, 115444, 115445, 115446,  
115447, 115448, 115449, 115450, 115451, 115452,  
115453, 115454, 115455, 115456, 115457, 115458,  
115459, 115460, 115461, 115462, 115463, 115464,  
115465, 115466, 115467, 115468, 115469, 115470,  
115471, 115472, 115473, 115474, 115475, 115476,  
115477, 115478, 115479, 115480, 115481, 115482,  
115483, 115484, 115485, 115486, 115487, 115488,  
115489, 115490, 115491, 115492, 115493, 115494,  
115495, 115496, 115497, 115498, 115499, 115500,  
115501, 115502, 115503, 115504, 115505, 115506,  
115507, 115508, 115509, 115510, 115511, 115512,  
115513, 115514, 115515, 115516, 115517, 115518,  
115519, 115520, 115521, 115522, 115523, 115524,  
115525, 115526, 115527, 115528, 115529, 115530,  
115531, 115532, 115533, 115534, 115535, 115536,  
115537, 115538, 115539, 115540, 115541, 115542,  
115543, 115544, 115545, 115546, 115547, 115548,  
115549, 115550, 115551, 115552, 115553, 115554,  
115555, 115556, 115557, 115558, 115559, 115560,  
115561, 115562, 115563, 115564, 115565, 115566,  
115567, 115568, 115569, 115570, 115571, 115572,  
115573, 115574, 115575, 115576, 115577, 115578,  
115579, 115580, 115581, 115582, 115583, 115584,  
115585, 115586, 115587, 115588, 115589, 115590,  
115591, 115592, 115593, 115594, 115595, 115596,  
115597, 115598, 115599, 115600, 115601, 115602,  
115603, 115604, 115605, 115606, 115607, 115608,  
115609, 115610, 115611, 115612, 115613, 115614,  
115615, 115616, 115617, 115618, 115619, 115620,  
115621, 115622, 115623, 115624, 115625, 115626,  
115627, 115628, 115629, 115630, 115631, 115632,  
115633, 115634, 115635, 115636, 115637, 115638,  
115639, 115640, 115641, 115642, 115643, 115644,  
115645, 115646, 115647, 115648, 115649, 115650,  
115651, 115652, 115653, 115654, 115655, 115656,  
115657, 115658, 115659, 115660, 115661, 115662,  
115663, 115664, 115665, 115666, 115667, 115668,  
115669, 115670, 115671, 115672, 115673, 115674,  
115675, 115676, 115677, 115678, 115679, 115680,  
115681, 115682, 115683, 115684, 115685, 115686,  
115687, 115688, 115689, 115690, 115691, 115692,  
115693, 115694, 115695, 115696, 115697, 115698,  
115699, 115700, 115701, 115702, 115703, 115704,  
115705, 115706, 115707, 115708, 115709, 115710,  
115711, 115712, 115713, 115714, 115715, 115716,  
115717, 115718, 115719, 115720, 115721, 115722,  
115723, 115724, 115725, 115726, 115727, 115728,  
115729, 115730, 115731, 115732, 115733, 115734,  
115735, 115736, 115737, 115738, 115739, 115740,  
115741, 115742, 115743, 115744, 115745, 115746,  
115747, 115748, 115749, 115750, 115751, 115752,  
115753, 115754, 115755, 115756, 115757, 115758,  
115759, 115760, 115761, 115762, 115763, 115764,  
115765, 115766, 115767, 115768, 115769, 115770,  
115771, 115772, 115773, 115774, 115775, 115776,  
115777, 115778, 115779, 115780, 115781, 115782,  
115783, 115784, 115785, 115786, 115787, 115788,  
115789, 115790, 115791, 115792, 115793, 115794,  
115795, 115796, 115797, 115798, 115799, 115800,  
115801, 115802, 115803, 115804, 115805, 115806,  
115807, 115808, 115809, 115810, 115811, 115812,  
115813, 115814, 115815, 115816, 115817, 115818,  
115819, 115820, 115821, 115822, 115823, 115824,  
115825, 115826, 115827, 115828, 115829, 115830,  
115831, 115832, 115833, 115834, 115835, 115836,  
115837, 115838, 115839, 115840, 115841, 115842,  
115843, 115844, 115845, 115846, 115847, 115848,  
115849, 115850, 115851, 115852, 115853, 115854,  
115855, 115856, 115857, 115858, 115859, 115860,  
115861, 115862, 115863, 115864, 115865, 115866,  
115867, 115868, 115869, 115870, 115871, 115872,  
115873, 115874, 115875, 115876, 115877, 115878,  
115879, 115880, 115881, 115882, 115883, 115884,  
115885, 115886, 115887, 115888, 115889, 115890,  
115891, 115892, 115893, 115894, 115895, 115896,  
115897, 115898, 115899, 115900, 115901, 115902,  
115903, 115904, 115905, 115906, 115907, 115908,  
115909, 115910, 115911, 115912, 115913, 115914,  
115915, 115916, 115917, 115918, 115919, 115920,  
115921, 115922, 115923, 115924, 115925, 115926,  
115927, 115928, 115929, 115930, 115931, 115932,  
115933, 115934, 115935, 115936, 115937, 115938,  
115939, 115940, 115941, 115942, 115943, 115944,  
115945, 115946, 115947, 115948, 115949, 115950,  
115951, 115952, 115953, 115954, 115955, 115956,  
115957, 115958, 115959, 115960, 115961, 115962,  
115963, 115964, 115965, 115966, 115967, 115968,  
115969, 115970, 115971, 115972, 115973, 115974,  
115975, 115976, 115977, 115978, 115979, 115980,  
115981, 115982, 115983, 115984, 115985, 115986,  
115987, 115988, 115989, 115990, 115991, 115992,  
115993, 115994, 115995, 115996, 115997, 115998,  
115999, 120000.

## D

Dalhujia, O. P.—115276, 115277.  
Deutsche Gold-und Silber-Scheideanstalt Vormals Roessler  
—115519.  
Dhruv, D. M.—115526.  
Dhruv, U. D.—115526.  
Director General, Research Designs & Standards Organisation  
(Ministry of Railways)—115529.  
D. N. M.—Gnatloup—115483.  
Dorr Oliver Incorporated—115584.  
Dow Chemical Company, The—115685.  
Drahtex GMBH.—115278.  
Dunlop Company Ltd. The—115216, 115217, 115330,  
115331, 115443, 115444, 115445, 115482, 115559, 115595,  
115615.  
Dunlop Sentex Ltd.—115510.  
Dynamit Nobel Aktiengesellschaft—115329.

Dickat, G. P.—115429.  
Egyesult Gyogyszer Es Tapszergyar—115239, 115263, 115312.  
F. I. Du Pont De Nemours & Company—115473, 115562.  
Elektrodentfabrik Oerlikon Buhrle Ag.—115355.  
Eli Lilly and Co.—115338, 115511, 115645.  
Engineer, H. B.—115451.  
Engineer K. S. Mrs.—115438, 115515.  
English Electric Co. Ltd. The—115588, 115589.  
Escher Wyss Ltd.—115259, 115260, 115261.  
Etablissement Salgado—115682.

Fabbrica Italiana Magneti Marelli S.p.A.—115265.  
Farbentabulien Bayer Aktiengesellschaft—115258, 115291,  
115301, 115334, 115444, 115570, 115613, 115614, 115619,  
115642.  
Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius  
& Bruning—115210, 115313, 115369, 115360, 115653,  
115687.  
Fatchchand—115627, 115628.  
Ferrod Ltd—115631.  
Fertilizer Corporation of India Ltd.—115538, 115539.  
J. Hoffmann-La Roche & Co. Aktiengesellschaft—115269,  
115270, 115317, 115318, 115370, 115371, 115397, 115424,  
115425.  
Fisholow Products Ltd.—115512.  
Fisons Pest Control Ltd.—115633.  
Friedrich, W.—115533.

## G

Gadde, J. N.—115299, 115323, 115659, 115660.  
Gateside Milk Company Ltd. The—115208.  
Gebf Böhler & Co. Aktiengesellschaft—115575.  
General Electric Company—115434, 115577.  
Geometrical Tools Mfg. Co.—115349.  
George Z.—115279.  
Gharyal, M. S.—115547.  
Ghosh A. Mrs.—115402.  
Gkn Sankey Limited—115336.  
Glamorgan Pipe & Foundry Co—115641.  
Glanzstoff A. G.—115624, 115625.  
Glaxo Laboratories Ltd.—115634, 115635.  
Gopal, M. K.—115274.  
Gould National Batteries Inc.—115307.  
Govarthanan K. G.—115274.  
Great Lakes Carbon Corp.—115227.  
Gupta, N. R.—115630.

## H

Hariprasad, C.—115326.  
Head, Wightson and Company Ltd.—115507.  
Henry Wiggin & Company Ltd.—115422.  
Hercules Inc.—115491.  
H. F. A. Topse—115419.  
Hindustan Lever Ltd.—115350, 115351, 115530.  
Hindusthan Safety Glass Works Private Ltd.—115669.  
Hochstrasser, E.—115333.  
Hochstrasser, J.—115333.  
Holloway, H.—115286.

## I

Imperial Chemical Industries Ltd.—115506, 115522, 115587,  
115643.  
Imperial Smelting Corp. (N.S.C.) Ltd.—115450.  
Indian Oxygen Ltd.—115255, 115573, 115670.  
Industrial Machinery Manufacturers Pvt. Ltd.—115302.  
ING. C. Olivetti & Co.—115495.  
Ingersoll-Rand Company—115252.  
Institut Elektresverki Imani E. O. Patona—115477.  
Institut Francais Du Petrole Des Carburants Et Lubrifiants—  
115365.  
Institut Goruchiku Ikonometrie—115666.  
Institut Za Elektroniku i Vuzovsko Tehniku—115459.  
International Business Machines Corporation—115257,  
115553.  
International Standard Electric Corporation—115566.

## J

Jain N.—115591.  
Jain, N. K.—115395.  
Jain, O. P.—115275.  
Jain, S.—115504.  
Jardine Henderson Ltd.—115389.  
Jarvis B. Webb Company—115556, 115569.  
John Labatt Ltd.—115611.  
Joseph Lucas (Industries) Ltd.—115214, 115240, 115241,  
115242, 115243, 115412, 115568.  
J. R. Geigy A. G.—115332, 115667.  
Jufarov, F. M.—115339.  
J. W. Roberts Ltd.—115267.

## K

Kabushiki Kaisha Noza Kagaku—115655.  
Kamath, S. R.—115603.  
King, M. S.—115405.  
Kao Soap Co. Ltd.—115571.  
Karamchand Premchand Pvt. Ltd. Mys.—115248, 115373.  
Kattakayam J. C.—115626.  
Kann, P.—115471.  
Kernedv Van Saun Corp—115256.

*Name & Application No.*

Khatri, G. U.—115348.  
 Knapsack Aktiengesellschaft—115426.  
 Knoll A. G. Chemische Fabriken—115478, 115601.  
 Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V.—115292.  
 Konstruktorskoe Bjuro Koxohimicheskogo Mashinostroenia Institute "Giprokok", Slavyansk—115356.  
 Koondaje, S. D.—115640.  
 Krishnaswami A. C. K.—115326.  
 Kurane, S. B. L. M. E.—115602.  
 Kurakin, A. S.—115339.

**L**

Laboratories Torau—115414.  
 Laha, B.—115249.  
 Lemforder Metallwaren, A. G.—115358.  
 Leningradskoe elektromashinostroitelnoe obiedinenie "Elektrosila" im S. M. Kirova—115649.  
 Lepetit S.p.A.—Gruppo per la Ricerca Scientifica e la Produzione Chimica Farmaceutica—115466, 115467.  
 Lonza Ltd.—115306.

**M**

Madhok, B. K.—115527.  
 Magyarovari Timfold-Es Mukorundgyar—115639.  
 Makki P.—115470.  
 Manubhai—115629.  
 Martin, J.—115321.  
 Maschinenfabrik Rieter A. G.—115460, 115461, 115462, 115463, 115464.  
 Mehta, M. K.—115606.  
 Menon, C. K.—115440, 115441, 115442, 115520.  
 Merck & Co. Inc.—115235, 115368, 115372, 115455, 115456, 115565, 115685.  
 Messerschmidt, S.—115656.  
 Metallgesellschaft Aktiengesellschaft—115251.  
 Metallgesellschaft A. G.—115437.  
 Metallurgical Processes Ltd.—115450.  
 Midland-Ross Corp.—115366.  
 Mineralimpex Magyar Olaj Es Banyatermek Mulkereskedelmi Vallalat—115494.  
 Mistry, P. C. L.—115516.  
 Mitsubishi Denki Kabushiki Kaisha—115492.  
 Mitsubishi Petrochemical Co. Ltd.—115408.  
 Mitsubishi Steel Manufacturing Co. Ltd.—115423.  
 Mitsubishi Yuka Kabushiki Kaisha—115623.  
 Mohan, R.—115468.  
 Molins Machine Co. Ltd.—115604.  
 Monsanto Company—115300, 115493, 115580.  
 Morita, J.—115222, 115223.  
 Multi-Minerals Ltd.—115289.  
 Muxexport Ltd.—115244, 115245, 115353.  
 Murphys Incorporated Pty. Ltd.—115439.

**N**

Naidu, P. S.—115282.  
 Engineer, N. S.—115433.  
 Engineer, N. S. Mrs.—115515.  
 Nath, S. M. Shri—115517.  
 National Distillers and Chemical Corp.—115662.  
 National Metal Industries Messrs.—115324.  
 Neyveli Lignite Corp. Ltd.—115325.  
 Norton Company—115225, 115226.  
 Norwich Pharmacal Co. The.—115637.  
 N. V. Hollandsche Draad-en Kabelfabriek—115290.  
 N. V. Philips Gloeilampenfabrieken—115218, 115232, 115304, 115308, 115342, 115343, 115357, 115452, 115532, 115563, 115672, 115673, 115674, 115675, 115676, 115677.

*Name & Application No.***O**

Ogale, S. K.—115431.  
 Ordena Lenina Fizicheskoy Institut Imeni P. N. Lebedeva—115211.  
 Ordena Trudovogo Krasnogo Znamen Zavod "Avtosteklo"—115212, 115231, 115340.  
 Orezagos Koolaj Es Gazipari Troszt—115219.

**P**

Paranjpe, V. J.—115609.  
 Parekh, K.—115504.  
 Parke, Davis & Company—115352.  
 Patel, D. V.—115518.  
 Patel, M. N.—115528.  
 Patel, R. V.—115518.  
 Paul, N. G.—115576.  
 Pechiney Progil—115319.  
 Pilkington Brothers Ltd.—115684.  
 Pirelli Societa Per Azioni—115393, 115448, 115586.  
 Polysius GmbH.—115671.  
 Ponkche, S. S. Smt.—115281, 115284.  
 Poonawalla, S. J.—115497.  
 Pradhan, M. V.—115644.  
 Produits Chimiques Pechiney Saint-Gobain—115237, 115238.  
 Progress Ag Fur Verfahrenstechnik—115416.

**Q**

Quenot & Cie S.a.r.l.—115557.

**R**

Raja Bahadur Motilal Poona Mills Ltd. The.—115453, 115454.  
 Rajpal, K. M.—115541.  
 Ramamurthy, A.—115249.  
 Ramaswamy, G. S. Prof.—115279.  
 Rank Xerox Ltd.—115236, 115457, 115458, 115499.  
 Raoek A.—115233.  
 Rexall Drug and Chemical Co.—115523, 115524.  
 Roberts, K. E.—115316.  
 Rohm and Haas Co.—115215, 115638.  
 Roussel-Uclaf—115362, 115363.

**S**

Sachdev, Y. Dr.—115561.  
 Saito, K.—115364.  
 Saksena, N. G.—115275.  
 Sandoz Ltd.—115221, 115344, 115345, 115525, 115545, 115564, 115607, 115608.  
 Sathe, G. V.—115296, 115297.  
 Sautereau L. E. F.—115320.  
 Scherico Ltd.—115309, 115310, 115311.  
 Schubert & Salzer Maschinenfabrik Aktiengesellschaft—115403.  
 Scott Paper Company—115410.  
 Seth, P. P.—115560.  
 Shah, B. N.—115341.  
 Shell Internationale Research Maatschappij N. V.—115479, 115505.  
 Siemens Aktiengesellschaft—115435, 115474, 115475, 115542.  
 Sirnonacco Ltd.—115596.  
 Singh, J.—115471.  
 Snia Viscosa Societa Nazionale Industria Applicazione Viscosa S.p.A.—115612.  
 Societa Farmaceutici Italia—115420.  
 Societe Anonyme DBA.—115610.  
 Societe D'etudes Scientifiques Et Industrielles De Loile De France—115361.  
 Solar Thomson Engineering Co. Ltd.—115390.  
 Solartxon Electronic Group Ltd., The.—115681.

*Name & Application No.*

Spofa, Spojene Podniky Pro Zdravotnickou Vyrobu—115579.  
 Srimal, C.—115504.  
 Stahl, J. S.—115490.  
 Stamicarbon, N. V.—115303.  
 Standard Oil Company, The.—115658.  
 Storey Brothers and Co. Ltd.—115678, 115679.  
 Struthers Scientific and International Corp.—115250.  
 Sud, A. K.—115404.  
 Sukla K. K.—115249.  
 Sumitomo Chemical Company Ltd.—115387, 115665.  
 Sun Oil Company—115578.  
 Super Oil Seals & Gaskets Ltd.—115447.  
 Surakin, A. S.—115339.  
 Svenska Rotor Maskiner Aktiebolag—115632.

**T**

Takeda Chemical Industries, Ltd.—115399.  
 Talwar, J.—115544.  
 Tamhane, A. Y.—115469.  
 Tanabe Seiyaku Co. Ltd.—115430.  
 Tata Iron & Steel Company Ltd. The.—115279.  
 Teijin Limited—115262.  
 Tembe, M. R.—115650.  
 Texaco Development Corp.—115436.  
 Thyagarajan, A. M.—115540.  
 Titangesellschaft MbH.—115394.  
 Tokyo Shibaura Electric Co. Ltd.—115401.  
 Topsoe, H. F. A.—115369.  
 Toyo Katsui Industries, Inc.—115465.  
 Tsan-Chang Kuo. and Shan-Mu Hong—115398.  
 Tube Investments of India Ltd.—115535.  
 Turakhia, S. B.—115472, 115498, 115558.

*Name & Application No.***U**

Unilever Ltd.—115531.  
 Union Carbide Canada Ltd.—115485.  
 Union Carbide Corporation—115668.  
 Uniroyal Englebert France, Societe Anonyme—115288.  
 Uniroyal, Inc.—115392, 115484.  
 United Aircraft Corp.—115646, 115647, 115648.  
 United Shoe Machinery Corp.—115413.  
 United States Steel Corp.—115521.  
 Universal Oil Products Company—115481, 115582, 115583.  
 Usv Pharmaceutical Corp.—115407.

**V**

Vandervell Products Ltd.—115418.  
 Veb Maschinenfabrik Halle of 402 Halle (Saale)—115230.  
 Velosami, P.—115496.  
 Virk, S. S.—115590.  
 Vsesojuzny Nauchno-Issledovatel'sky Institut Stroitel'nogo i Dorozhnogo Mashinostroenia—115438.  
 Vyzkumny a vvyvojovy ustav Zavodu Vseobecneho strojirens-tvi—115388.  
 Vyzkumny Ustav Zuslehtovaci or Dvur Kralove Nad Labem—115213.

**W**

Wellcome Foundation Ltd. The.—115500.  
 Western Electric Company—115489.  
 Westinghouse Brake and Signal Company Ltd.—115486, 115487.  
 Westinghouse Electric Corp.—115209, 115224, 115376, 115377, 115663.  
 Whittenberg, G. R.—115636.  
 W. Green Son & Waite Ltd.—115234.

S. VEDARAMAN  
*Controller-General of Patents, Designs and  
 Trade Marks.*



6. A Kollisionsfall ist gegeben

[illegible]

## 44

[illegible]

CONFIDENTIAL